



# **NQC for Storage Combined with Another Technology**

CPUC Resource Adequacy Track 3 Workshop

March 12 – 13, 2019

# Storage NQC Methodology

- SCE proposed an NQC methodology for three scenarios of Storage paired with another RA product
- Storage with a Dispatchable Generator
  - Assuming the Storage is also dispatchable by the CAISO, the NQC would be determined by the sum of the individual components (i.e. NQC for Storage + NQC of the Dispatchable Generator) subject to deliverability of the entire facility
- Storage with a Non-Dispatchable Generator
  - If the Storage is dispatchable by the CAISO then,
    - NQC for Storage is based on the current NQC methodology plus the ELCC for the non-dispatchable resource subject to deliverability of the entire facility
  - If the Storage is not dispatchable by the CAISO then,
    - Develop a new ELCC for the non-dispatchable resource paired with the battery and subject to deliverability for the entire facility
- Storage with Demand Response
  - Since DR cannot export to the grid, the battery will simply help enable deeper curtailments of consumption including down to zero consumption
    - Under this scenario, no deliverability test is necessary